

FIG. 1

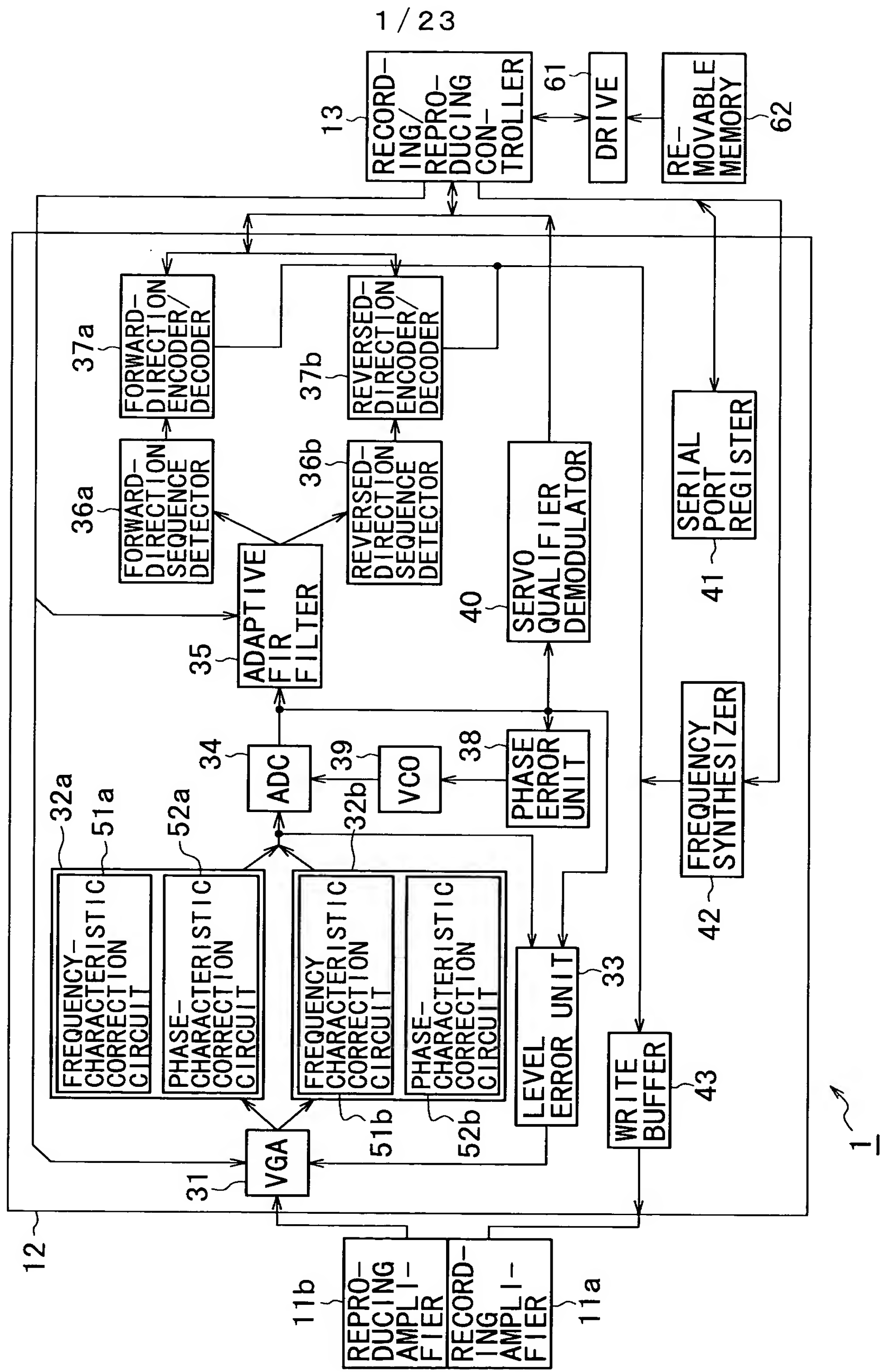


FIG. 2

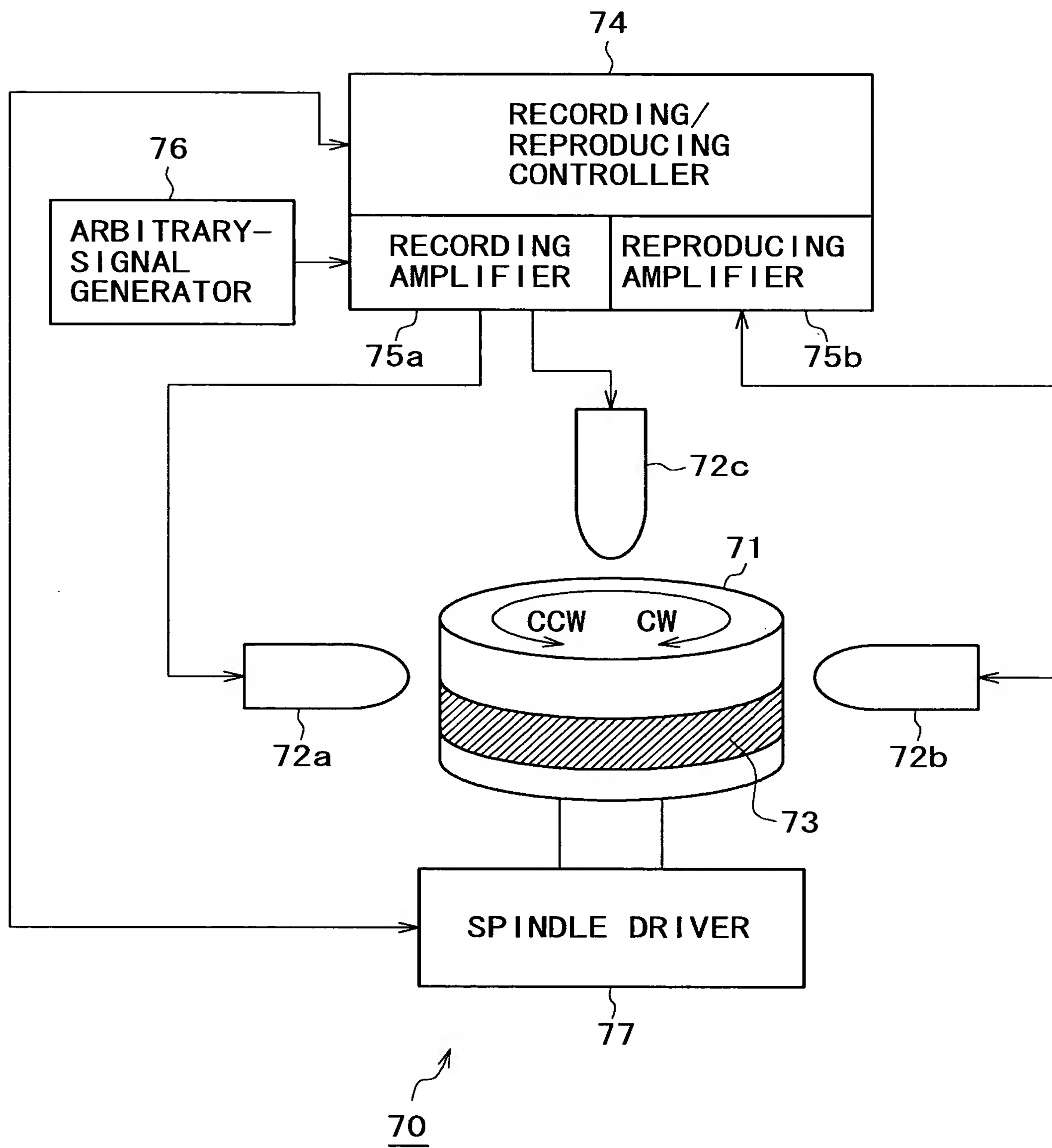
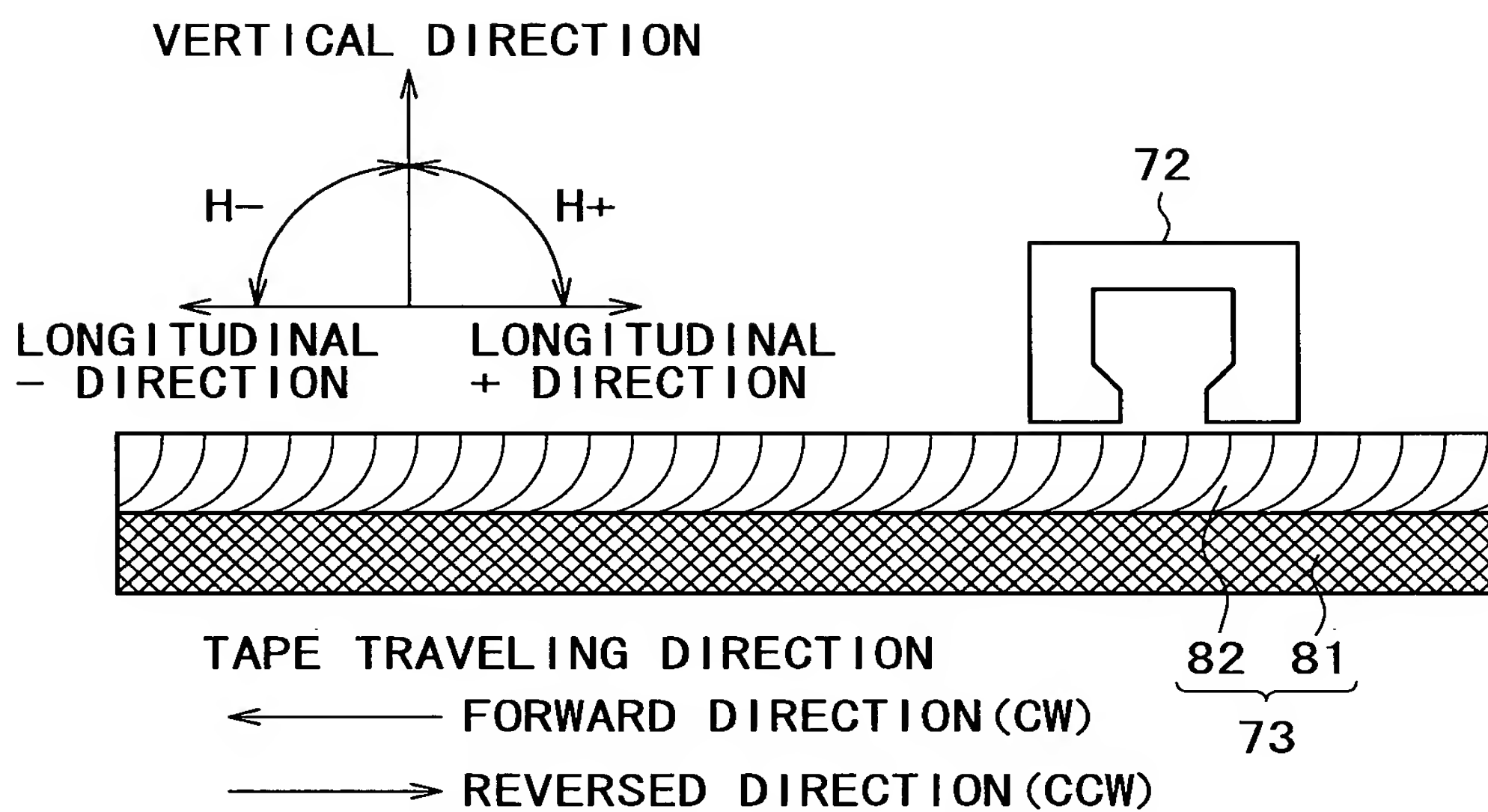
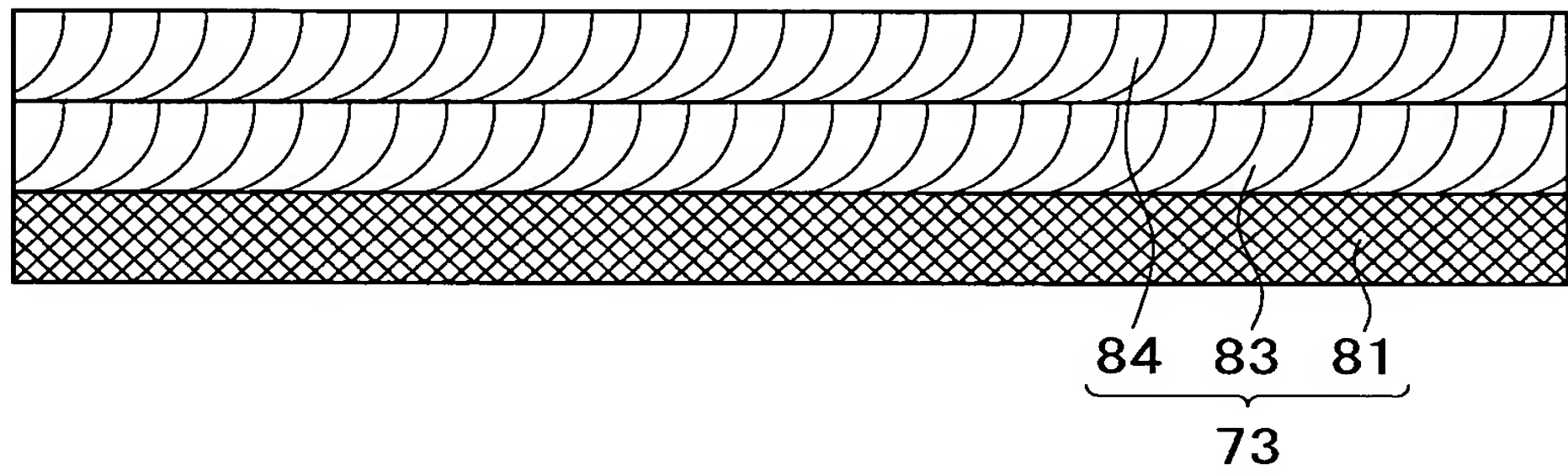


FIG. 3



F I G. 4



F I G. 5

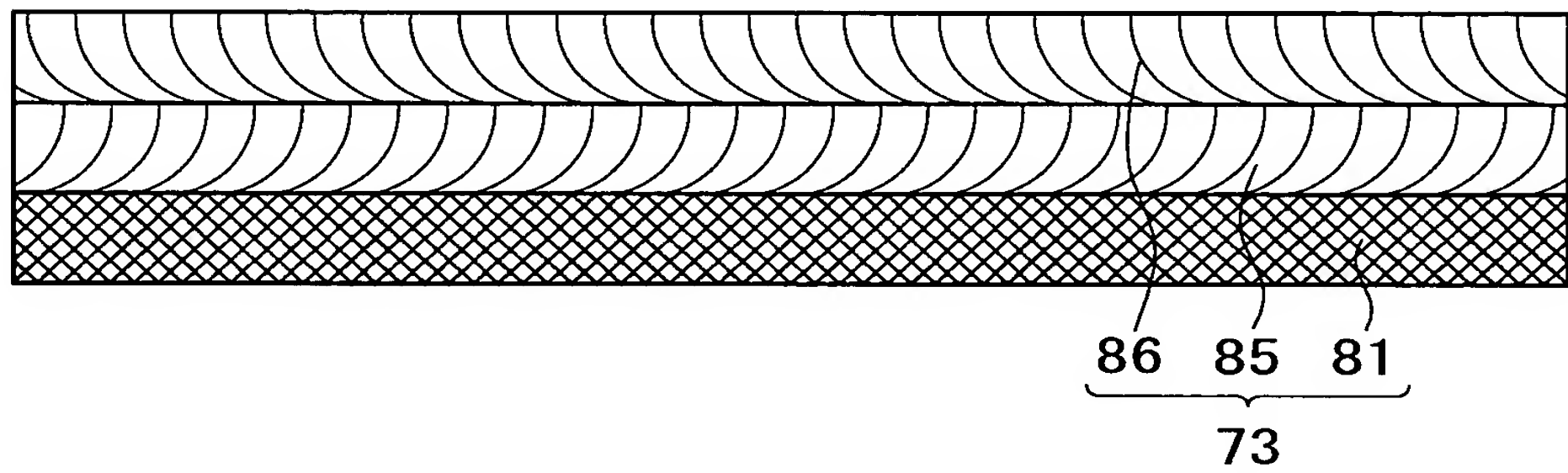


FIG. 6

TEST ENVIRONMENT	ORDINARY TEMPERATURE AND ORDINARY HUMIDITY
DRUM REVOLUTION SPEED	1300rpm FORWARD DIRECTION(CW) AND REVERSED DIRECTION(CCW)
TAPE	THIN-LAYER COBALT OBLIQUE MAGNETIC TAPE (Hc OF 105kA/m AND Mr·t OF 1.6 memu/cc)
RECORDING HEAD	MIG HEAD (TRACK WIDTH OF 12 μ m AND EFFECTIVE GAP LENGTH OF 0.21 μ m)
REPRODUCING HEAD	MR HEAD (DEVICE TRACK WIDTH OF 9 μ m AND INTER-SHIELD GAP LENGTH OF 0.23 μ m)
HEAD/TAPE RELATIVE SPEED	6.8m/s
RECORDING FREQUENCY AT THE TIME OF MEASUREMENT OF SOLITARY WAVE HALF BAND WIDTH (PW50) AND SOLITARY WAVE OUTPUT (IS TAA)	1MHz

FIG. 7

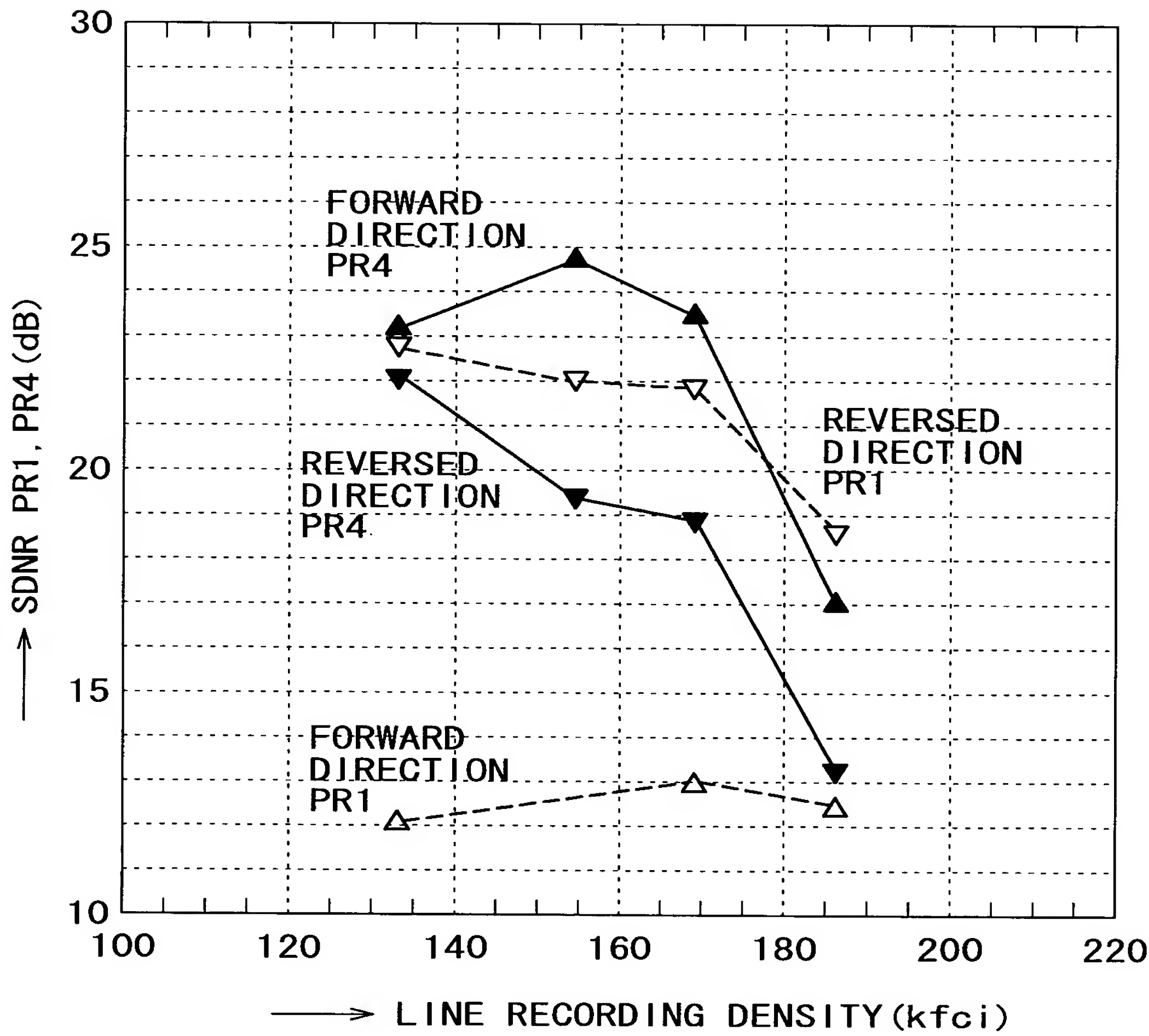


FIG. 8

FORWARD DIRECTION
LINE RECORDING DENSITY OF 170 kfci
PR4 EQUALIZATION SDNR OF 23.7 dB

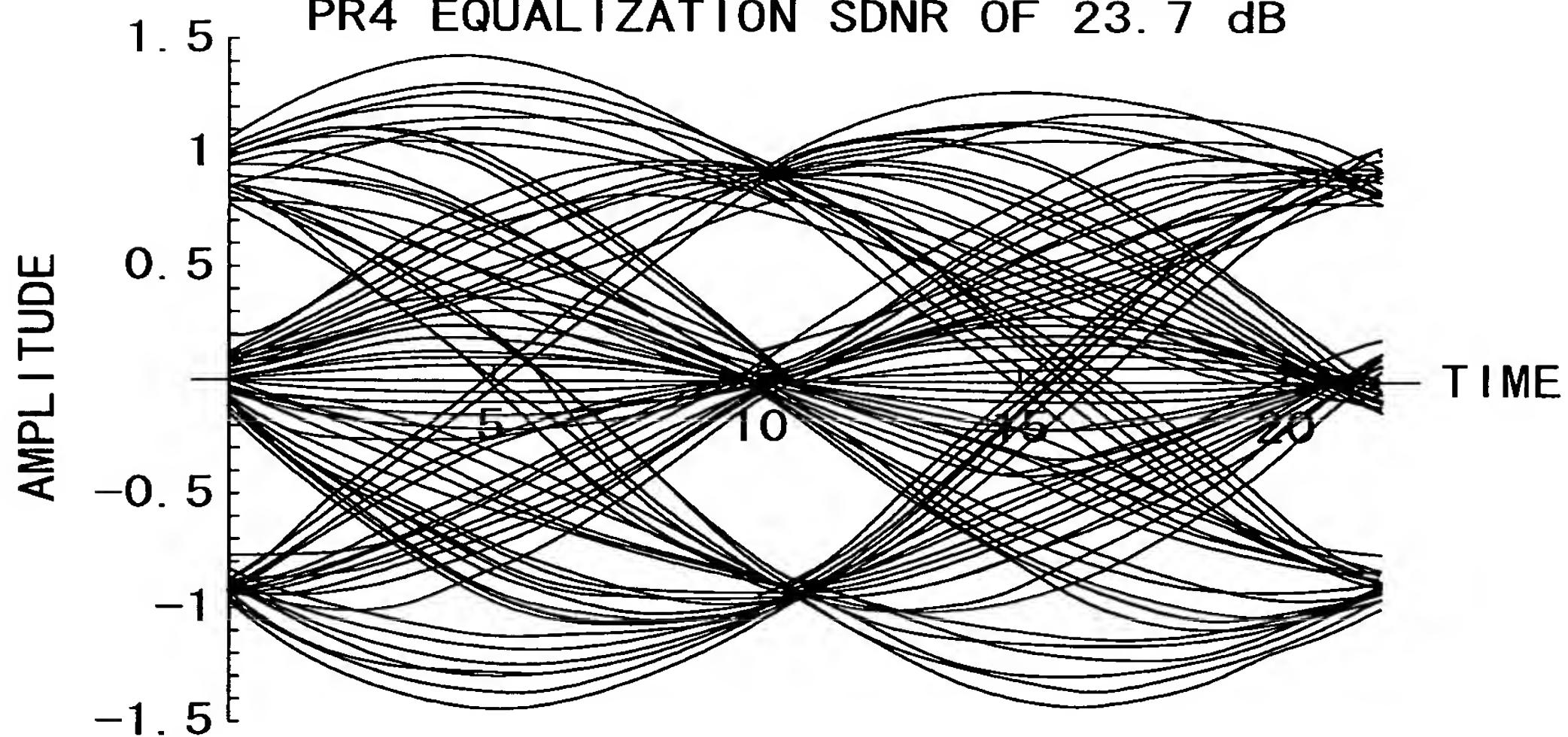


FIG. 9

REVERSED DIRECTION
LINE RECORDING DENSITY OF 170 kfci
PR1 EQUALIZATION SDNR OF 21.9 dB

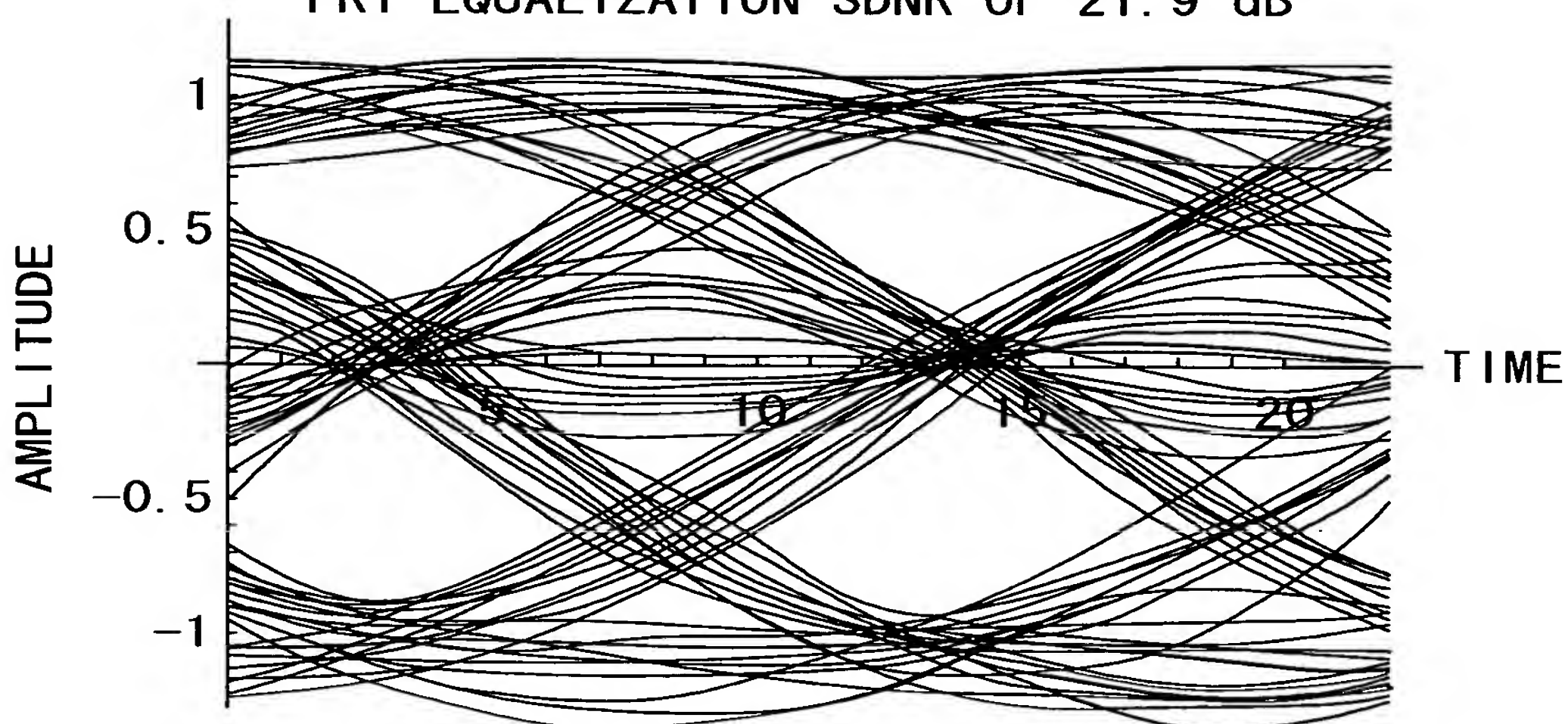


FIG. 10

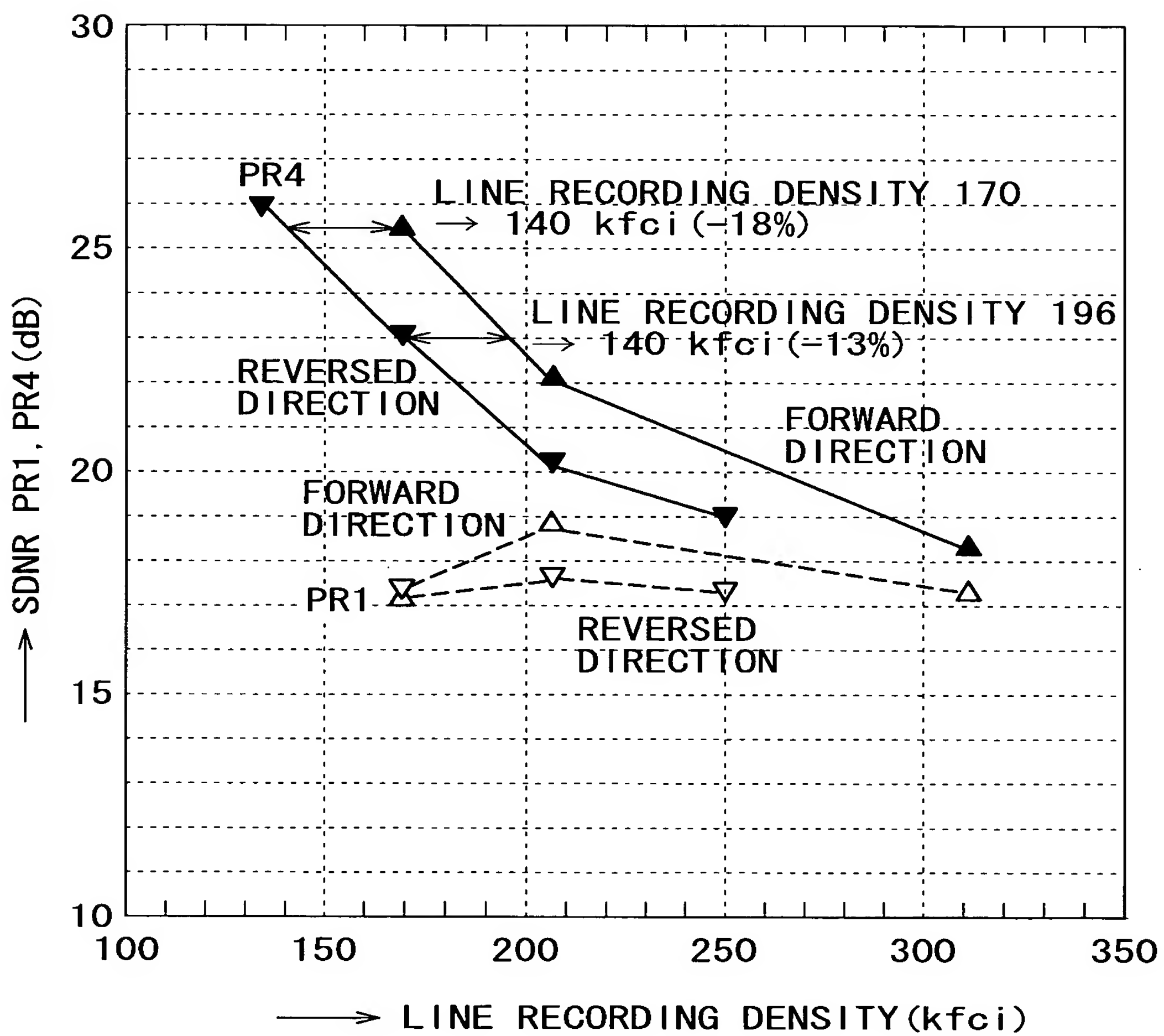


FIG. 11

FORWARD DIRECTION
LINE RECORDING DENSITY OF 207 kfci
PR4 EQUALIZATION SDNR OF 22.0 dB

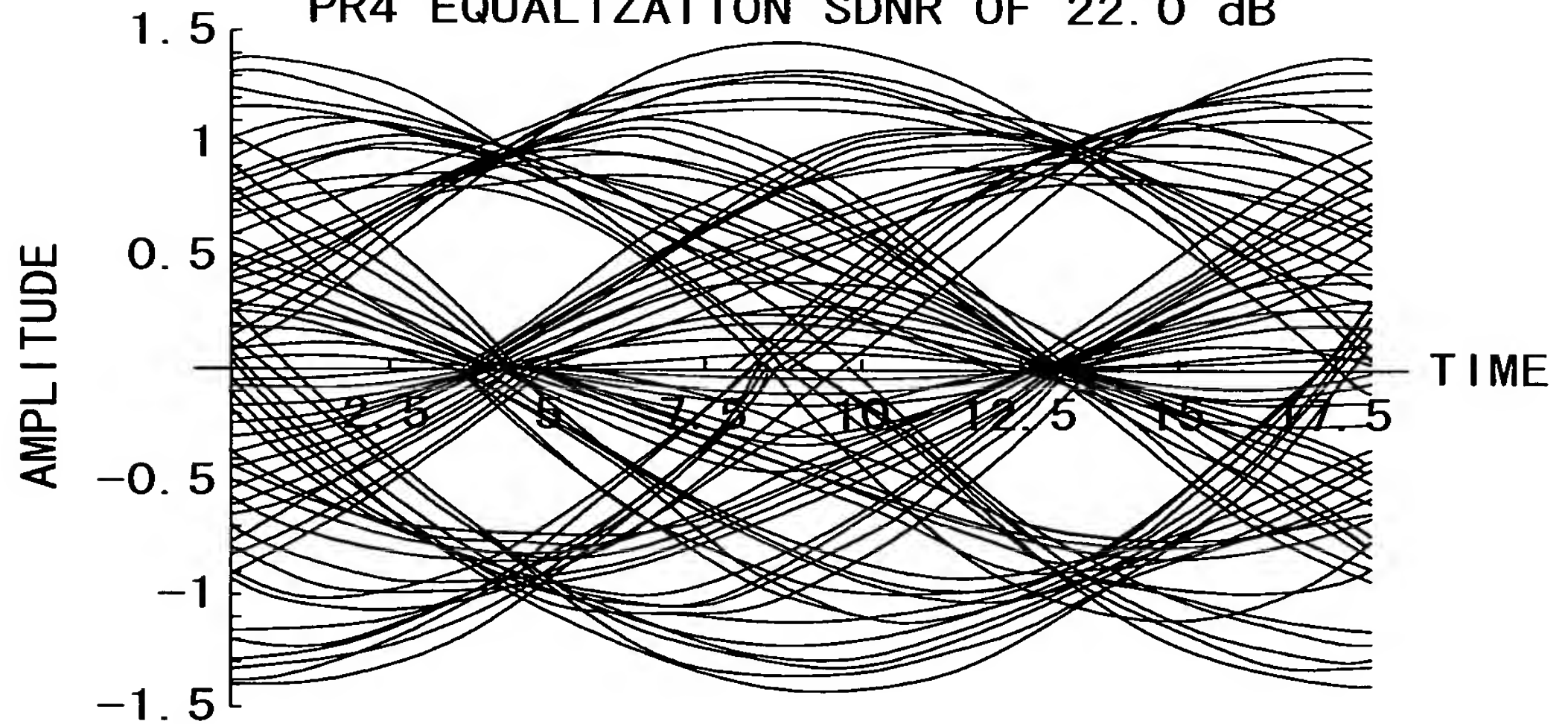


FIG. 12

REVERSED DIRECTION
LINE RECORDING DENSITY OF 170 kfci
PR4 EQUALIZATION SDNR OF 23.1 dB

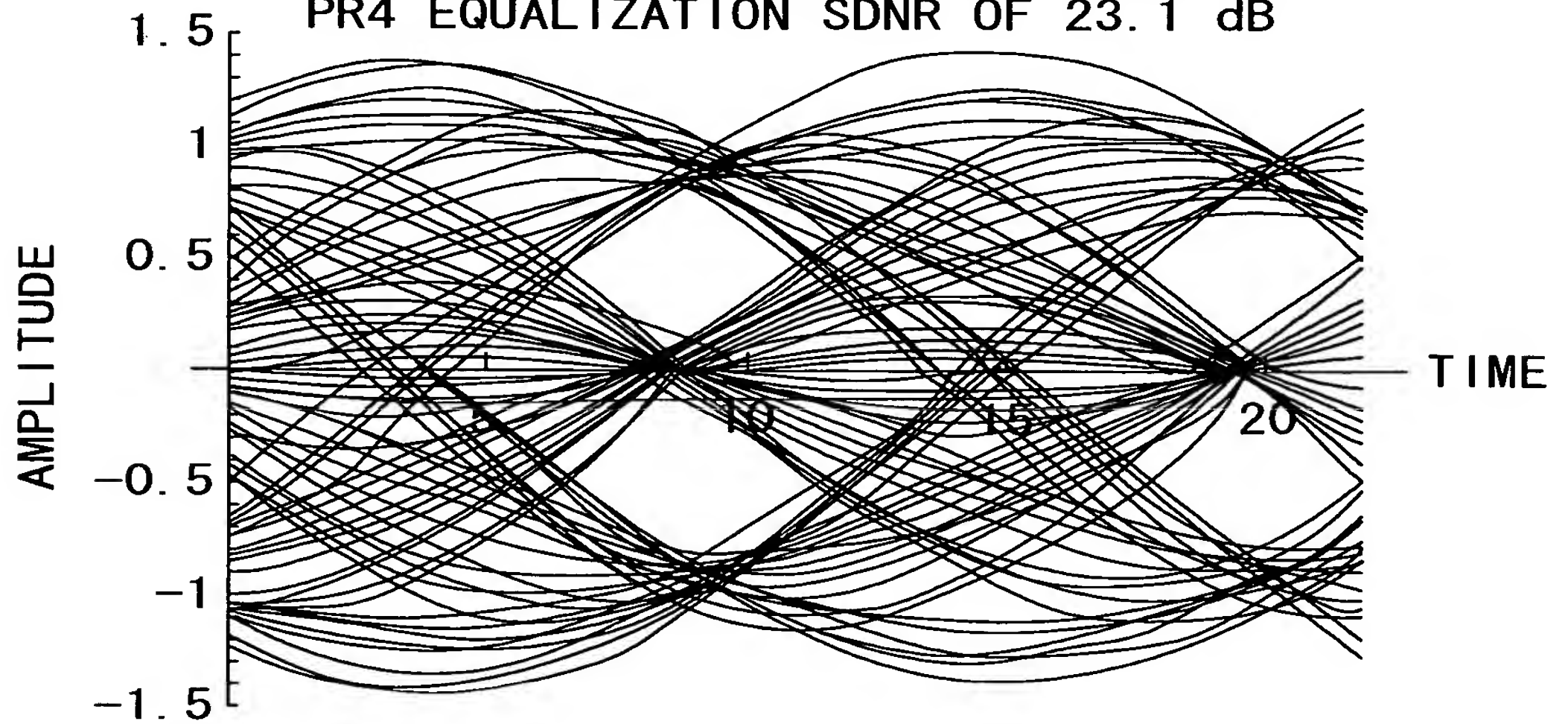


FIG. 13

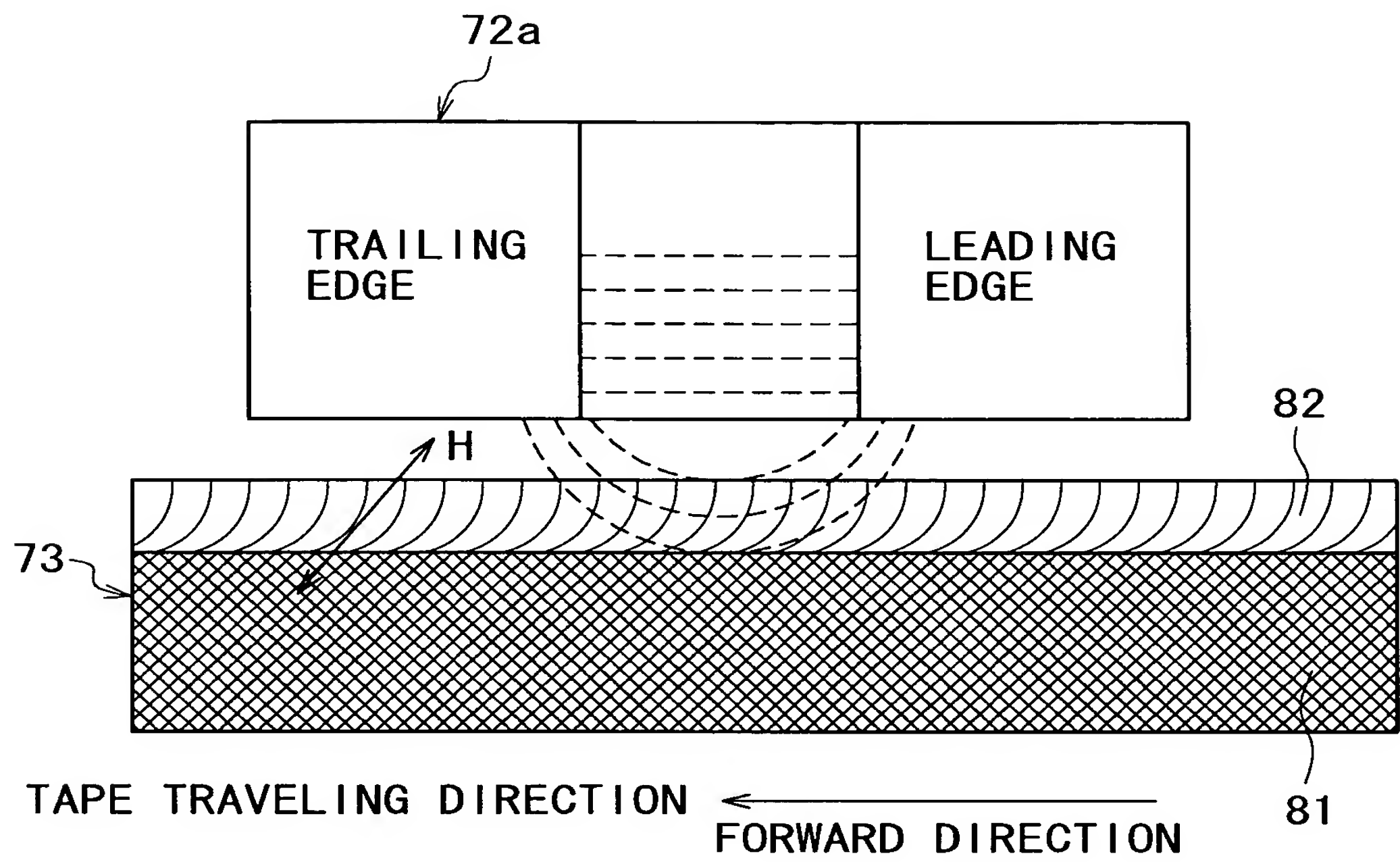


FIG. 14

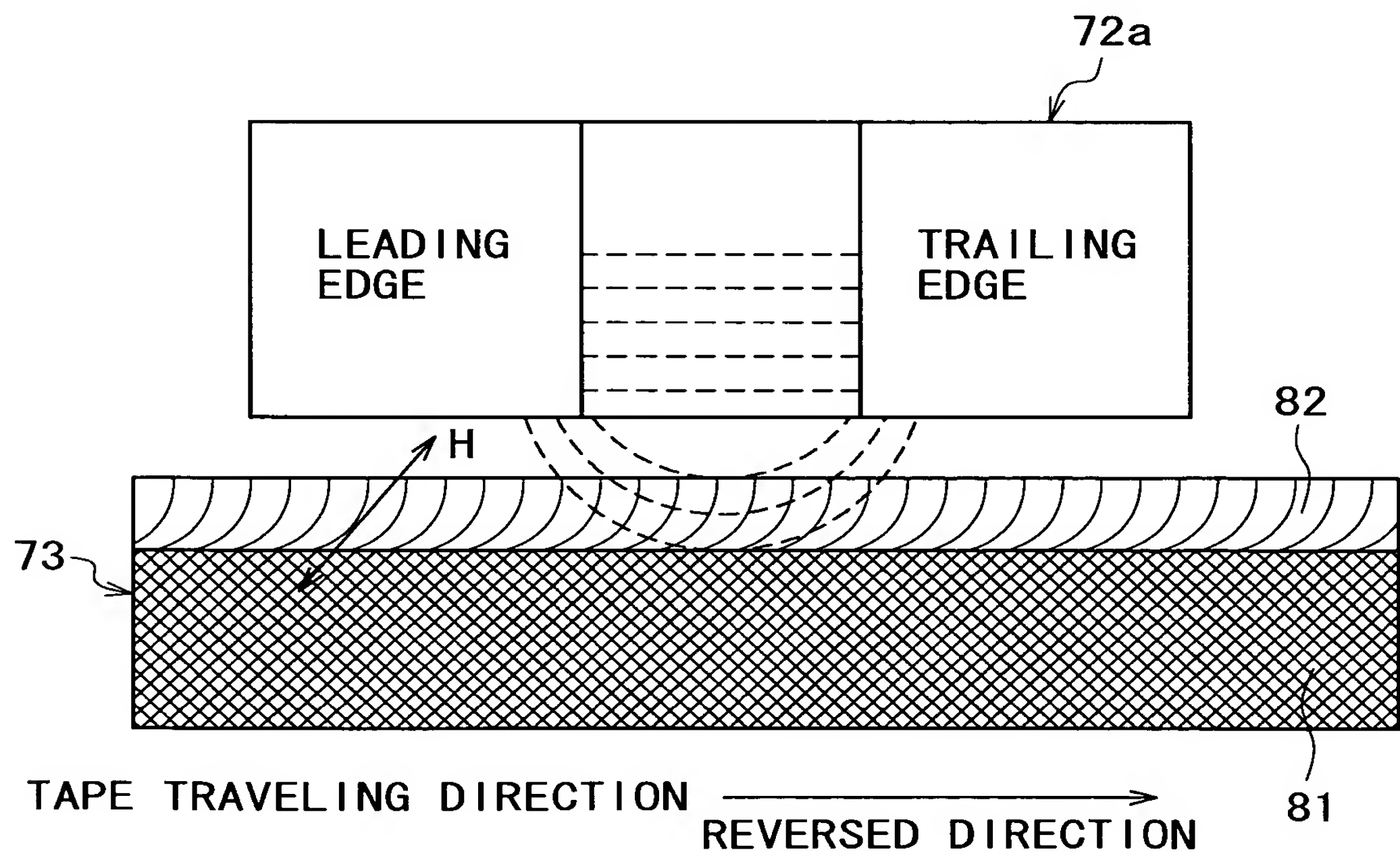


FIG. 15

TAPE: THIN-LAYER COBALT OBLIQUE EVAPORATION TAPE
 RECORDING HEAD: MIG (TRACK WIDTH OF $12\ \mu\text{m}$)
 REPRODUCING HEAD: MR (DEVICE TRACK WIDTH OF $9\ \mu\text{m}$
 AND INTER-SHIELD GAP LENGTH OF $0.23\ \mu\text{m}$)
 HEAD/TAPE RELATIVE SPEED: 6.8m/s
 RECORDING FREQUENCY: 1MHz

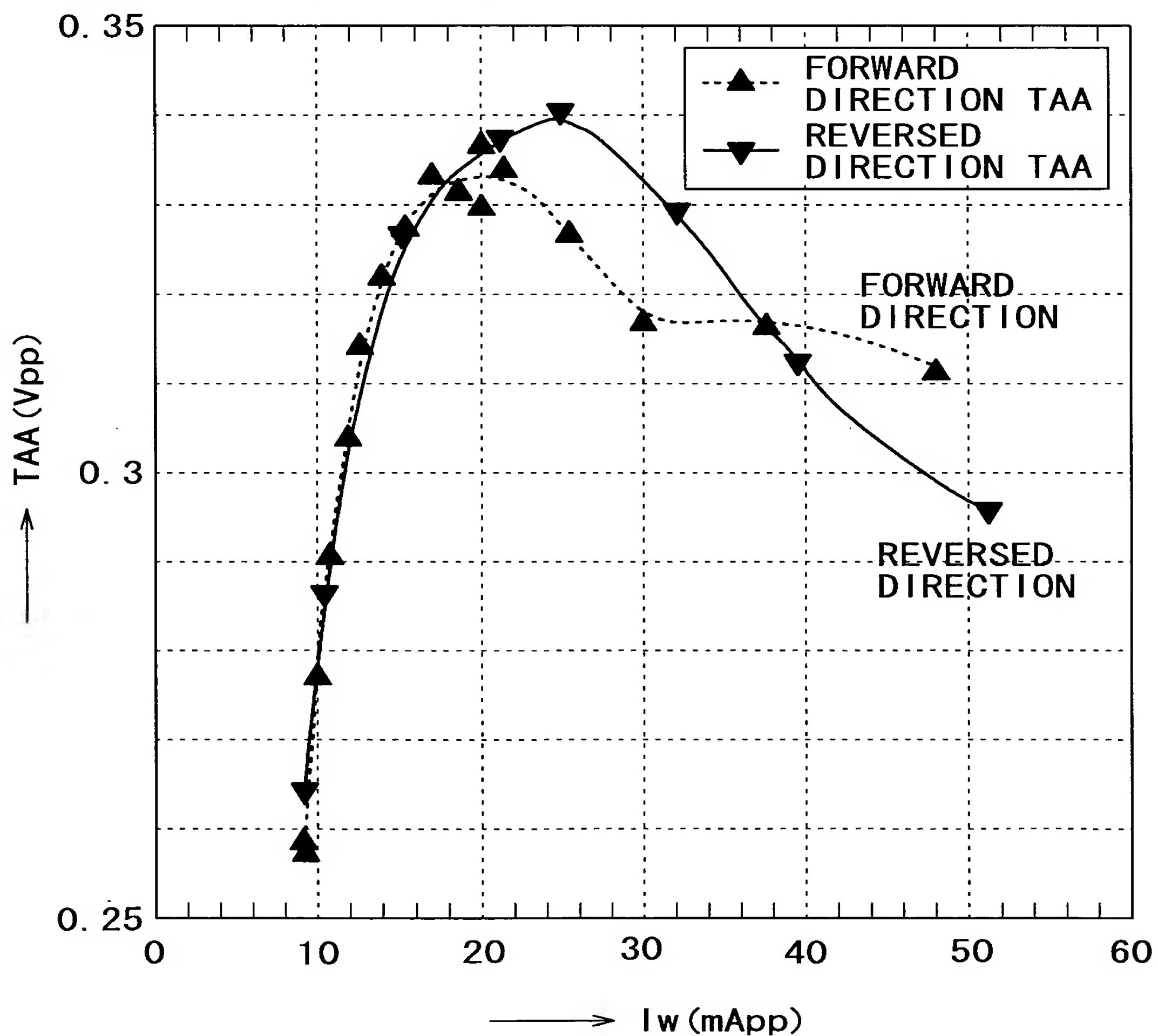


FIG. 16

TAPE: THIN-LAYER COBALT OBLIQUE EVAPORATION TAPE
 RECORDING HEAD: MIG (TRACK WIDTH OF $12\ \mu\text{m}$)
 REPRODUCING HEAD: MR (DEVICE TRACK WIDTH OF $9\ \mu\text{m}$
 AND INTER-SHIELD GAP LENGTH OF $0.23\ \mu\text{m}$)
 HEAD/TAPE RELATIVE SPEED: 6.8m/s
 RECORDING FREQUENCY: 1MHz

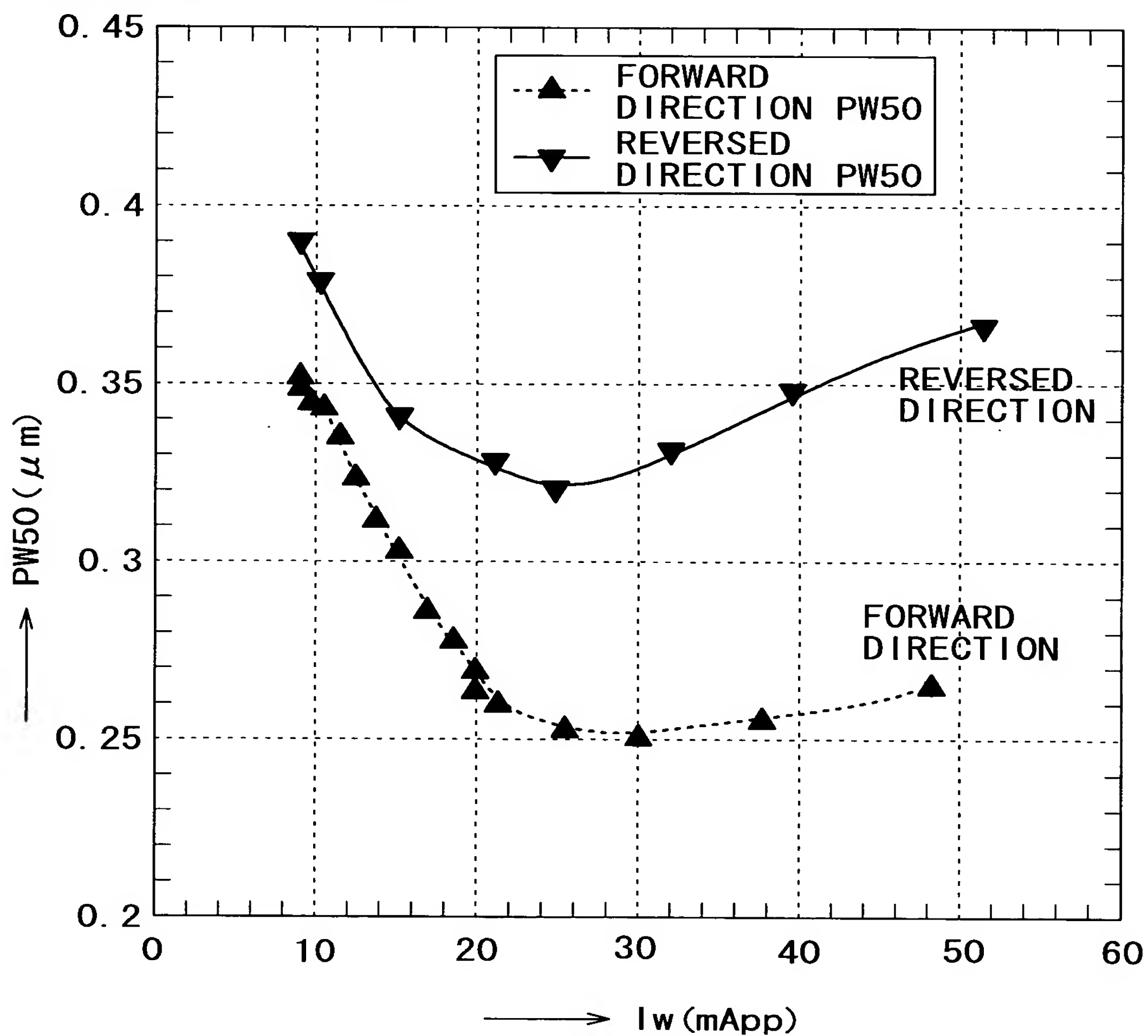


FIG. 17

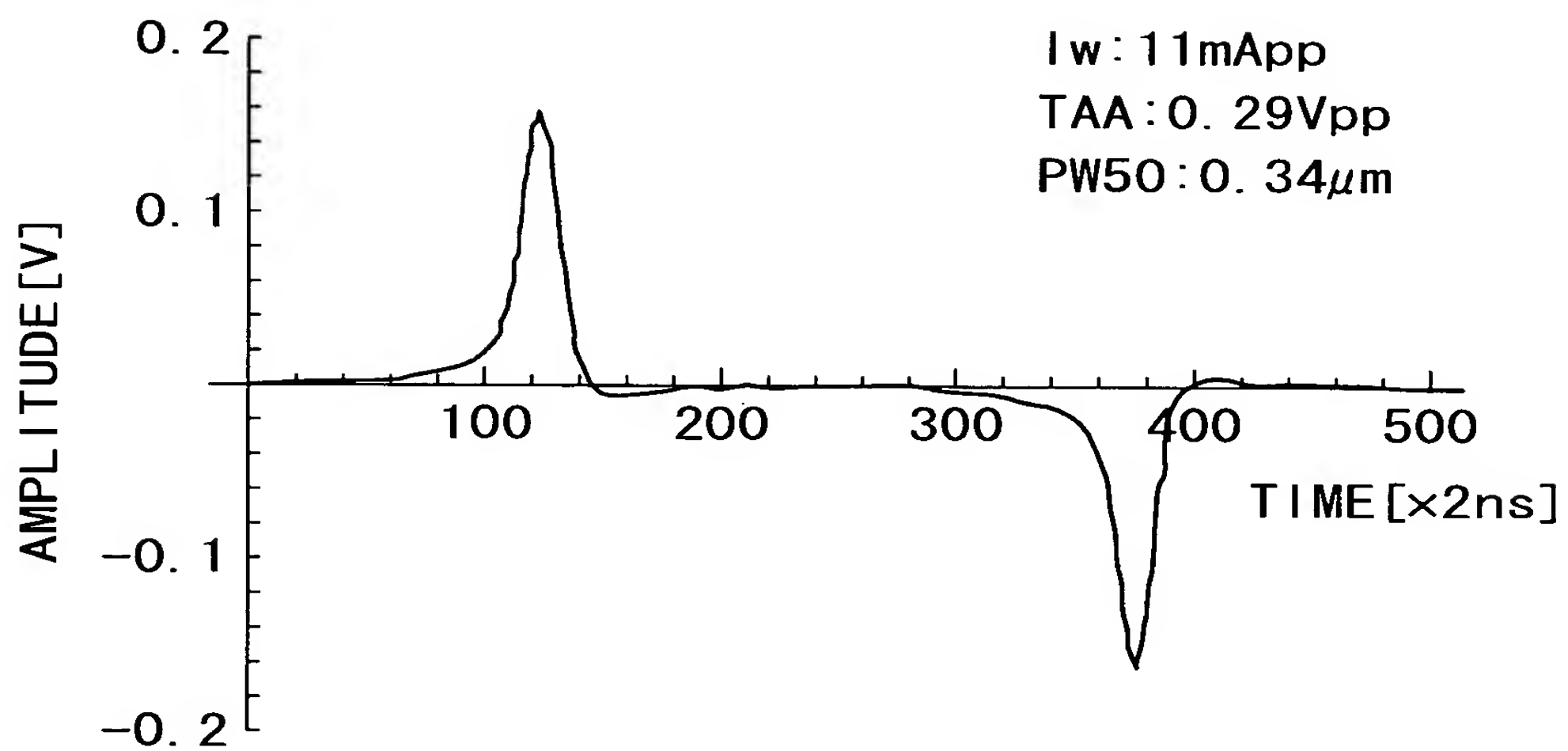


FIG. 18

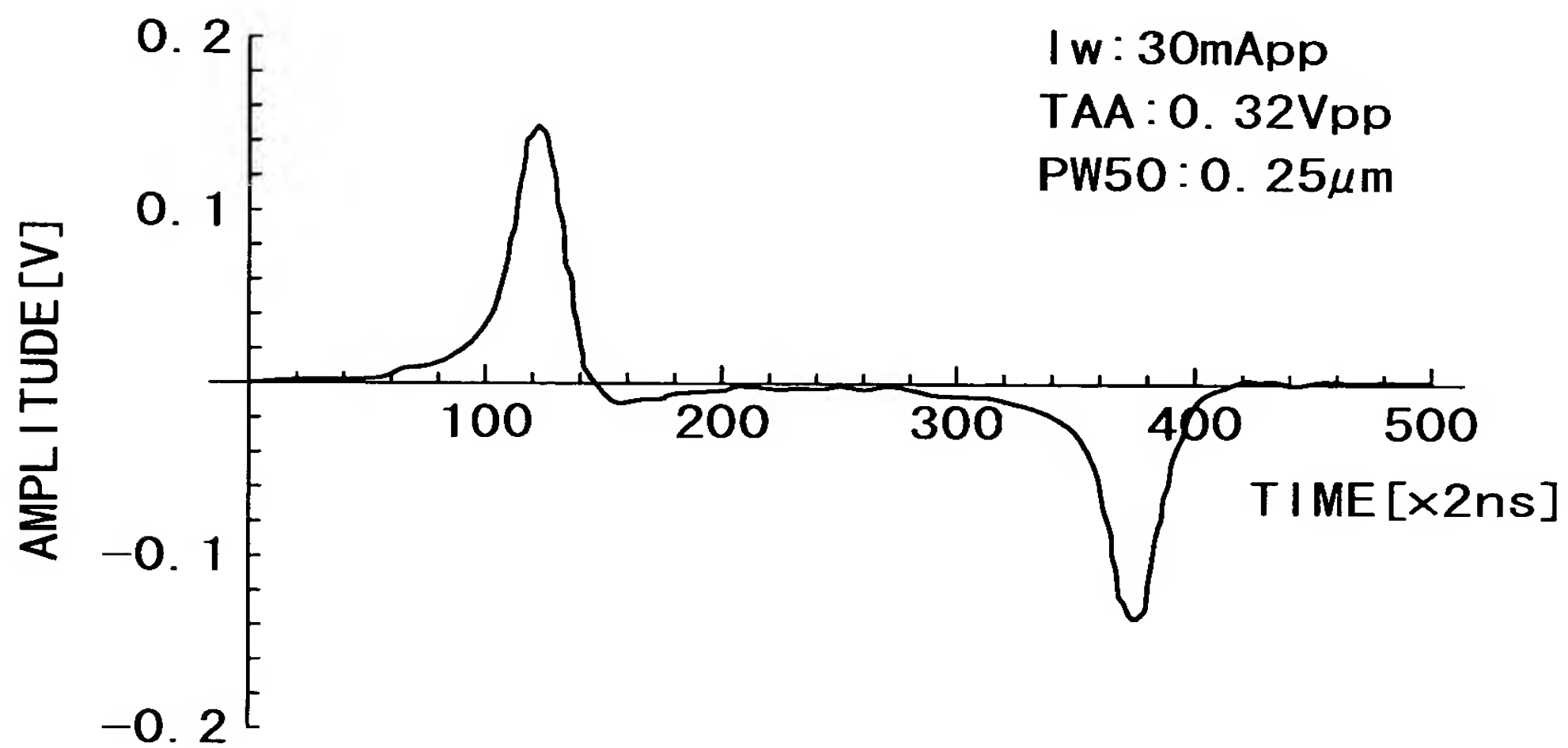


FIG. 19

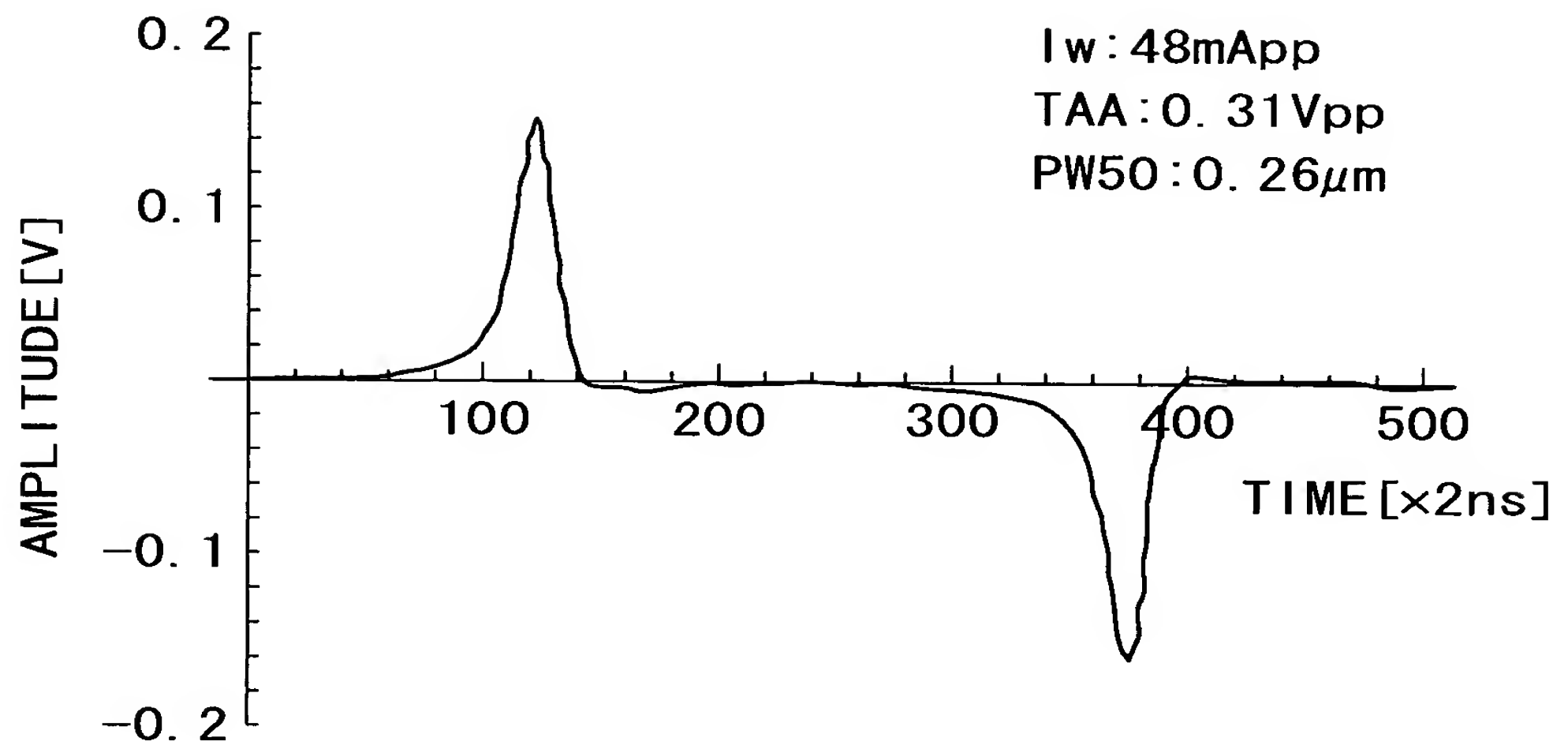


FIG. 20

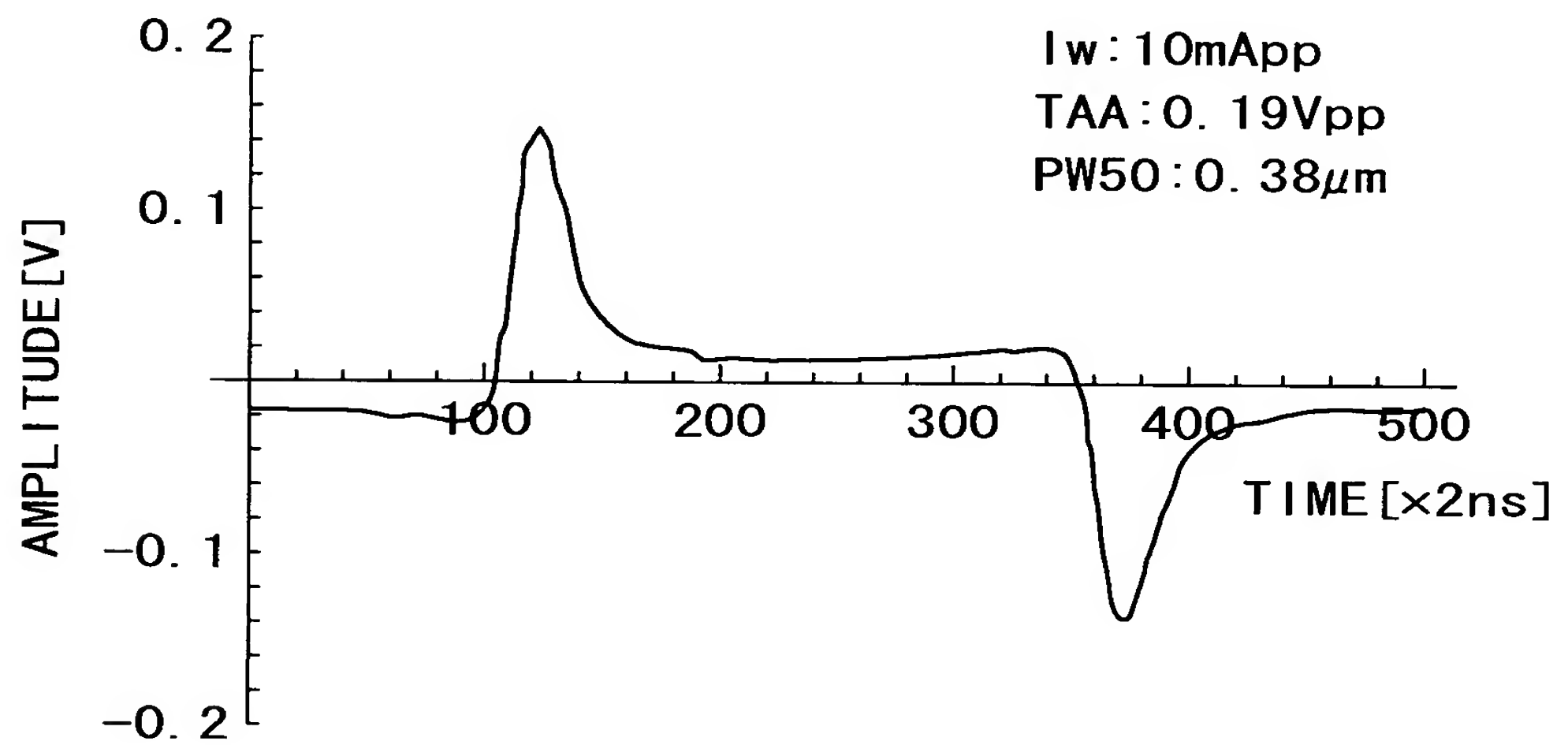


FIG. 21

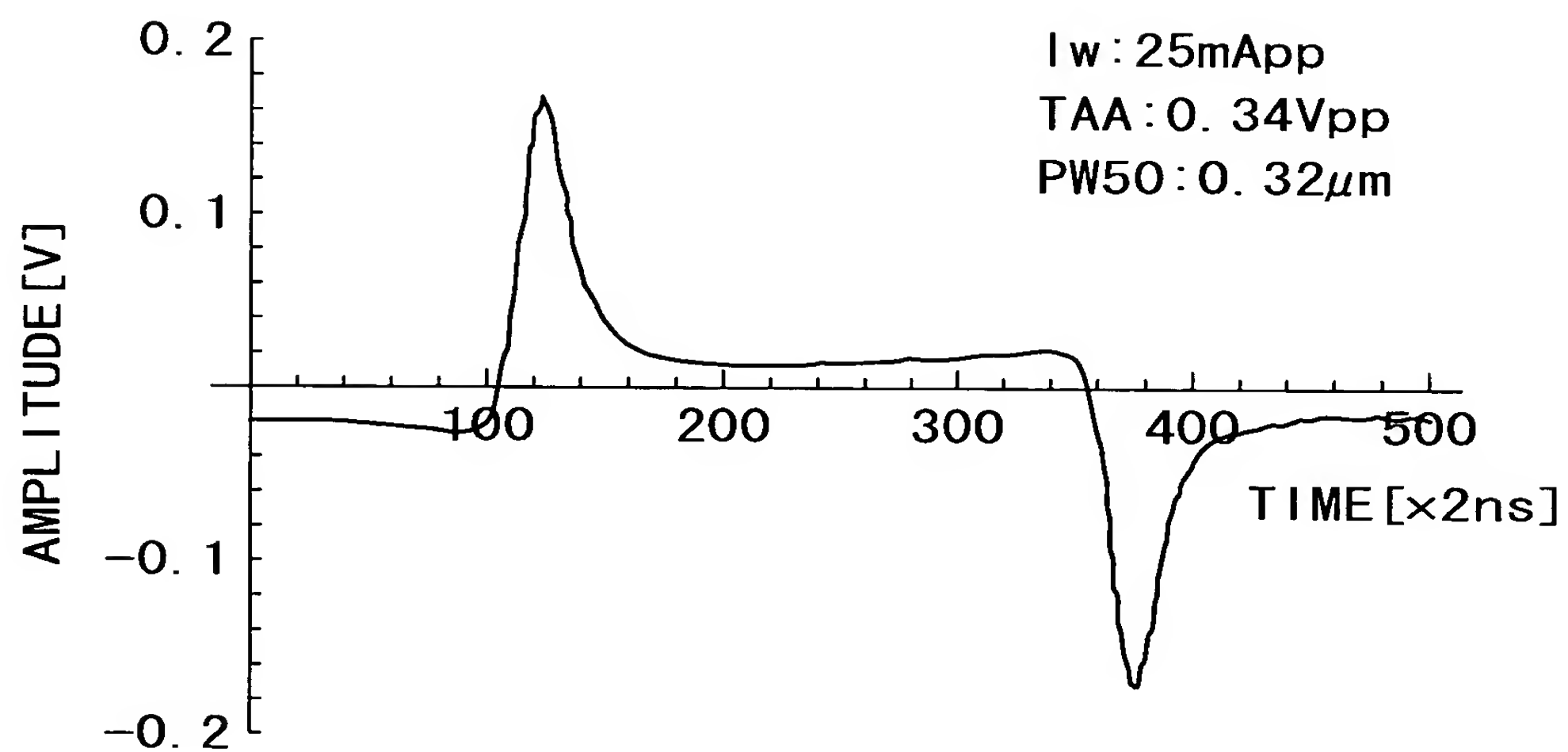


FIG. 22

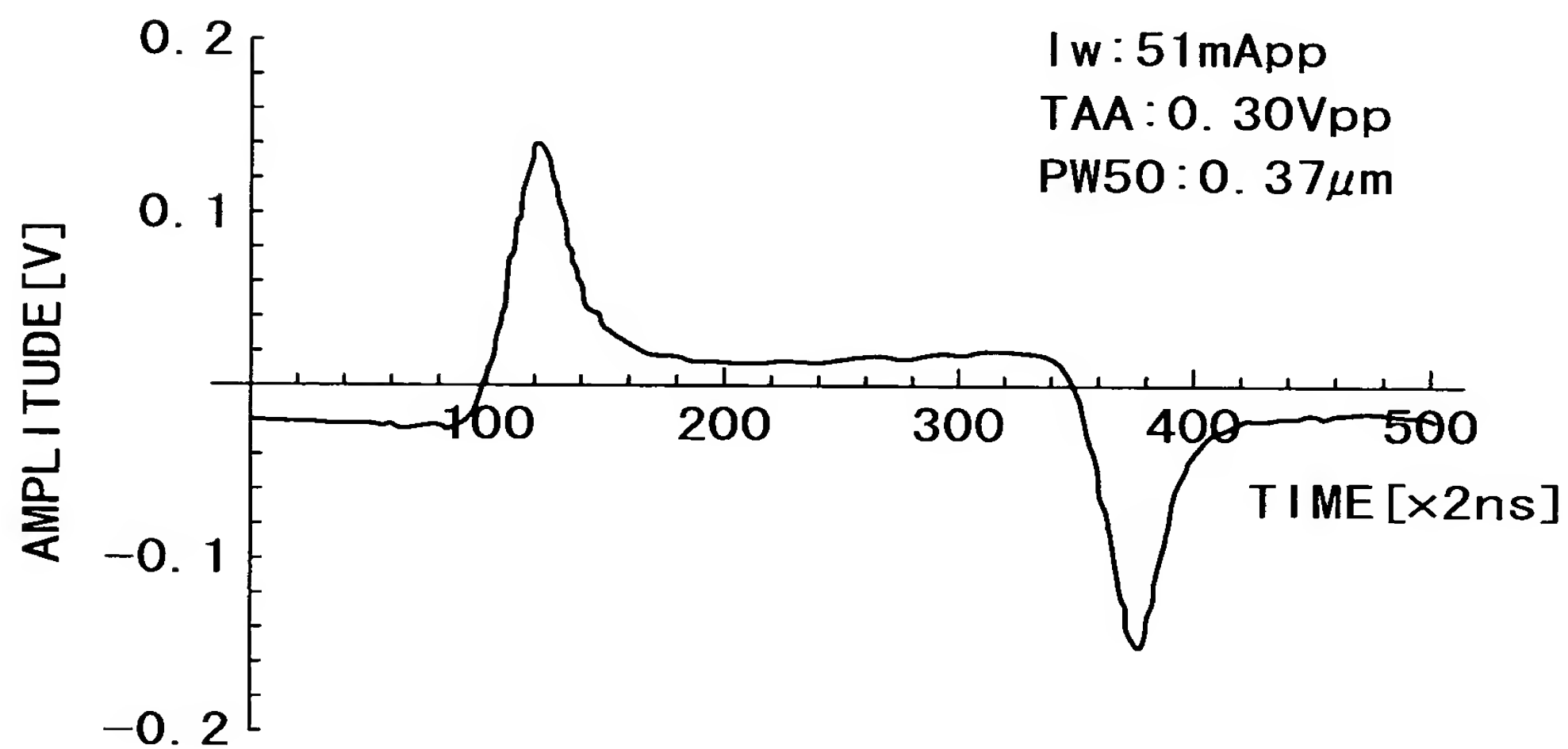


FIG. 23

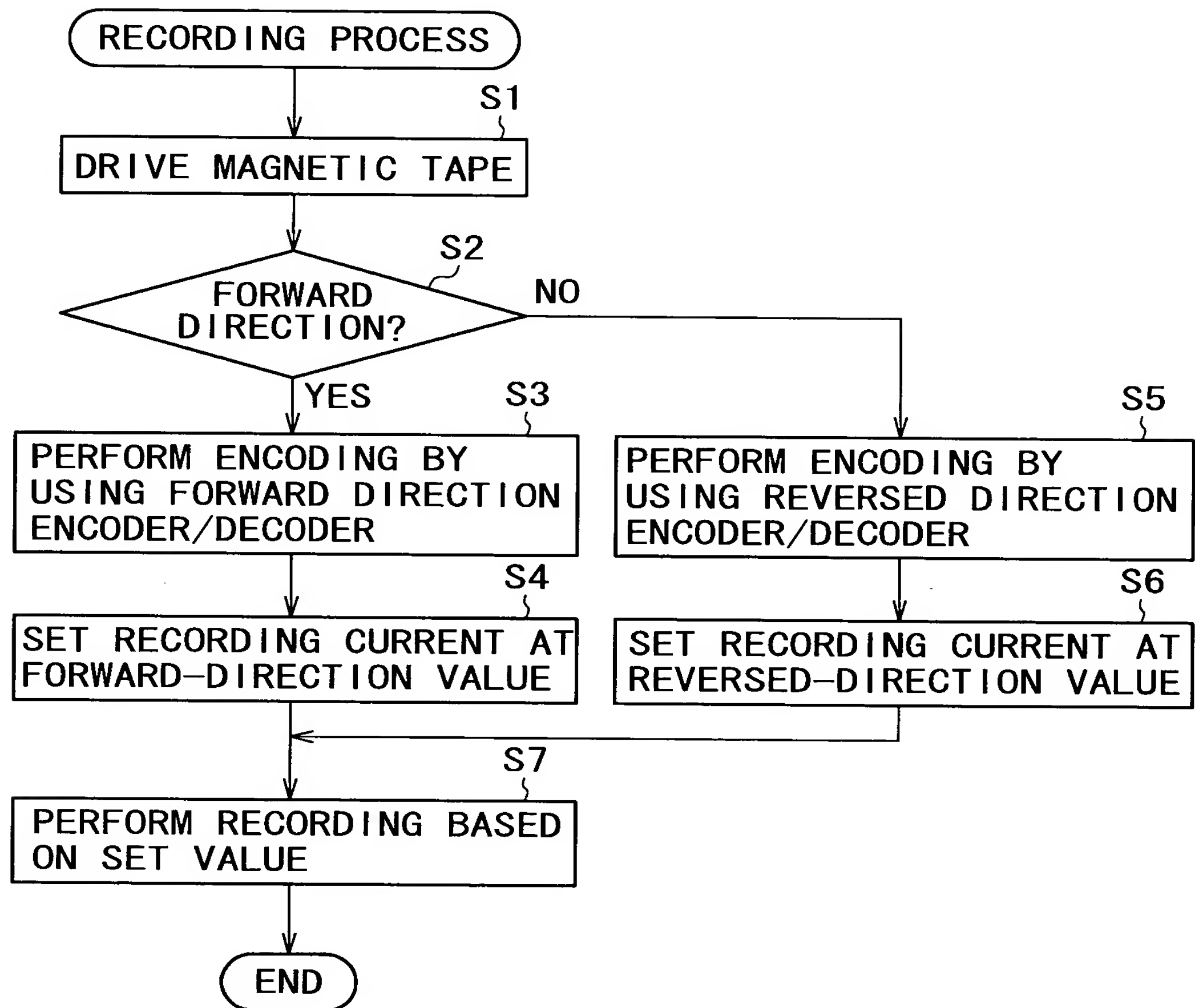


FIG. 24

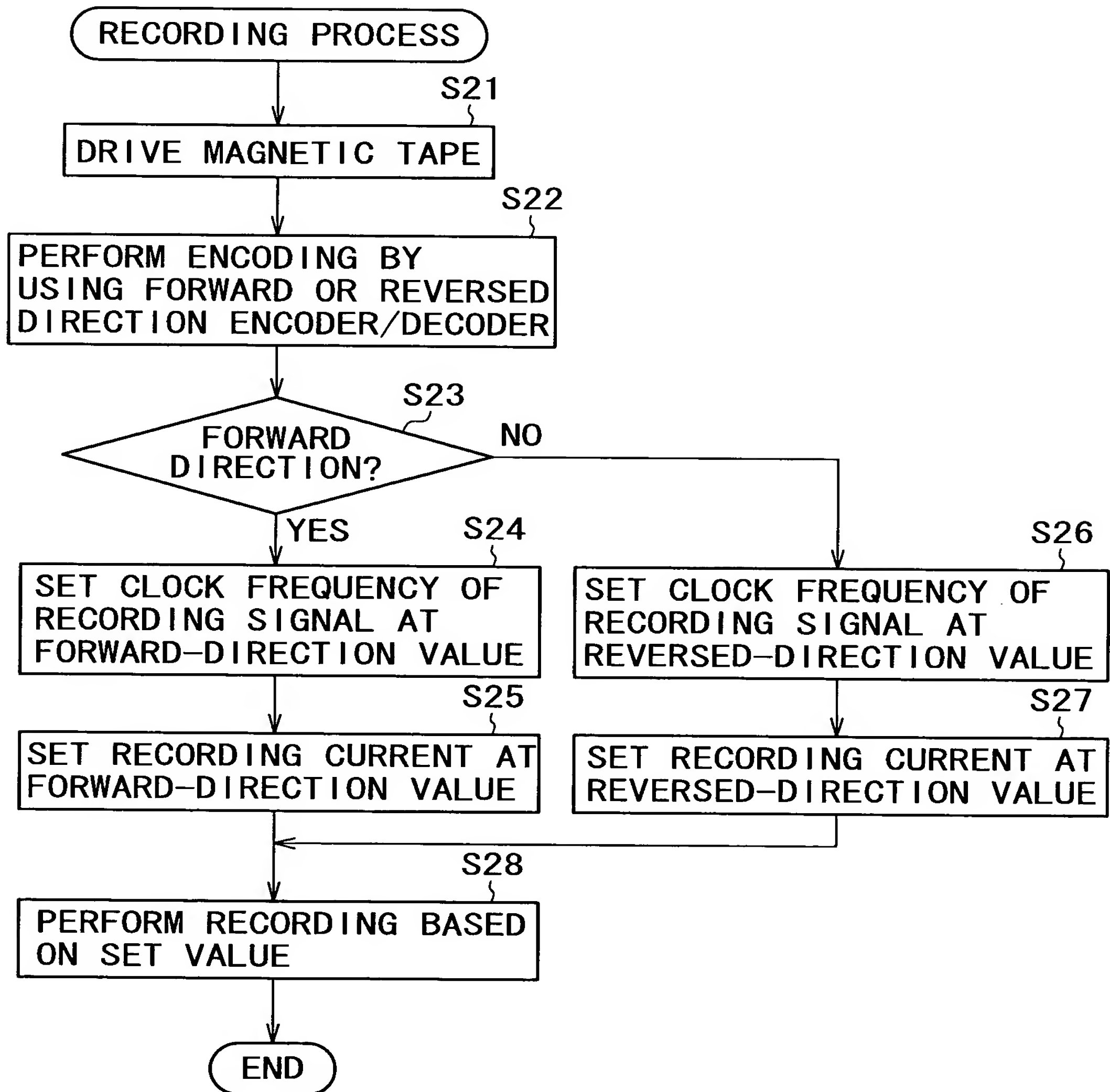


FIG. 25

AMPLITUDE FREQUENCY CHARACTERISTICS

FORWARD DIRECTION

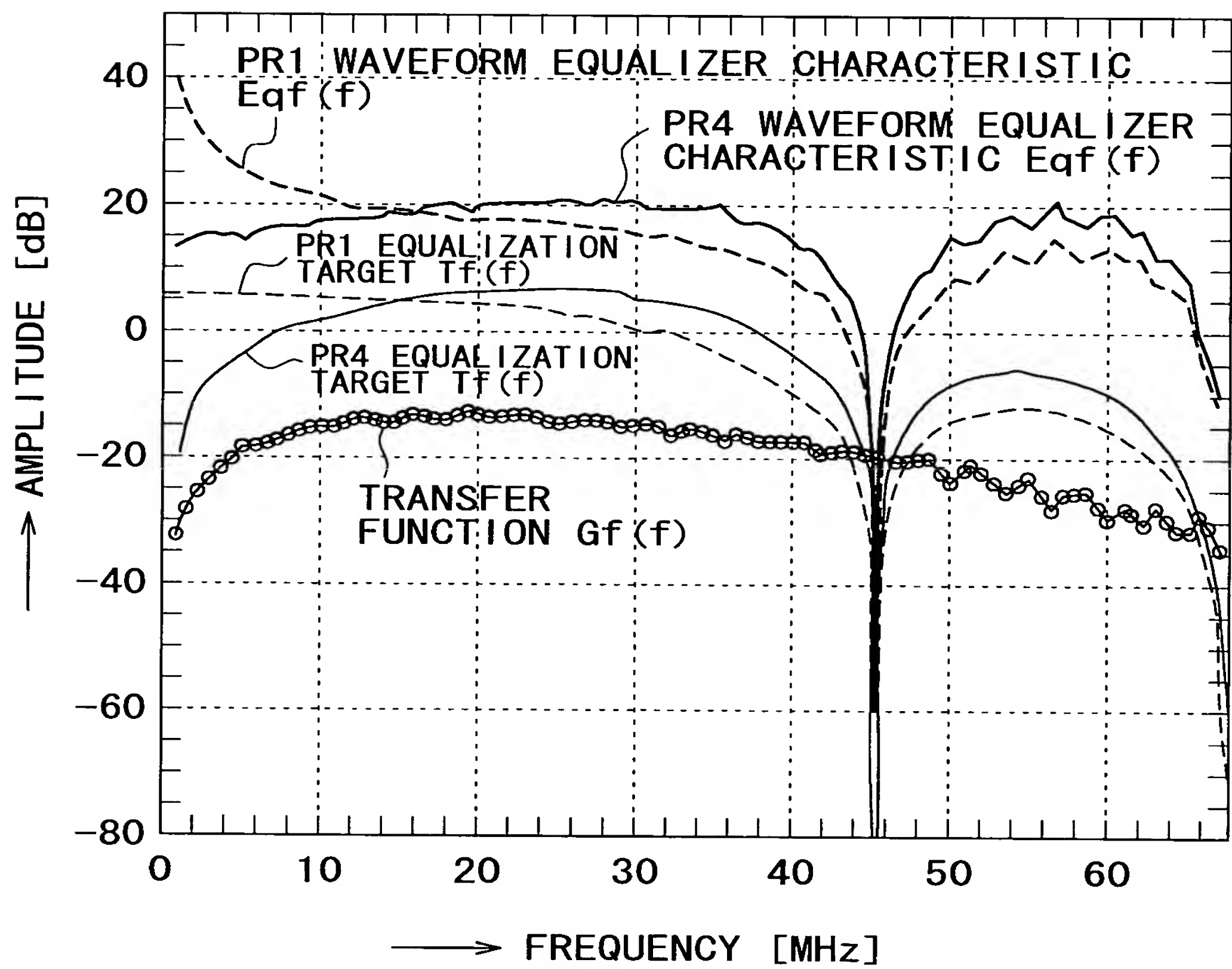


FIG. 26

AMPLITUDE FREQUENCY CHARACTERISTICS

REVERSED DIRECTION

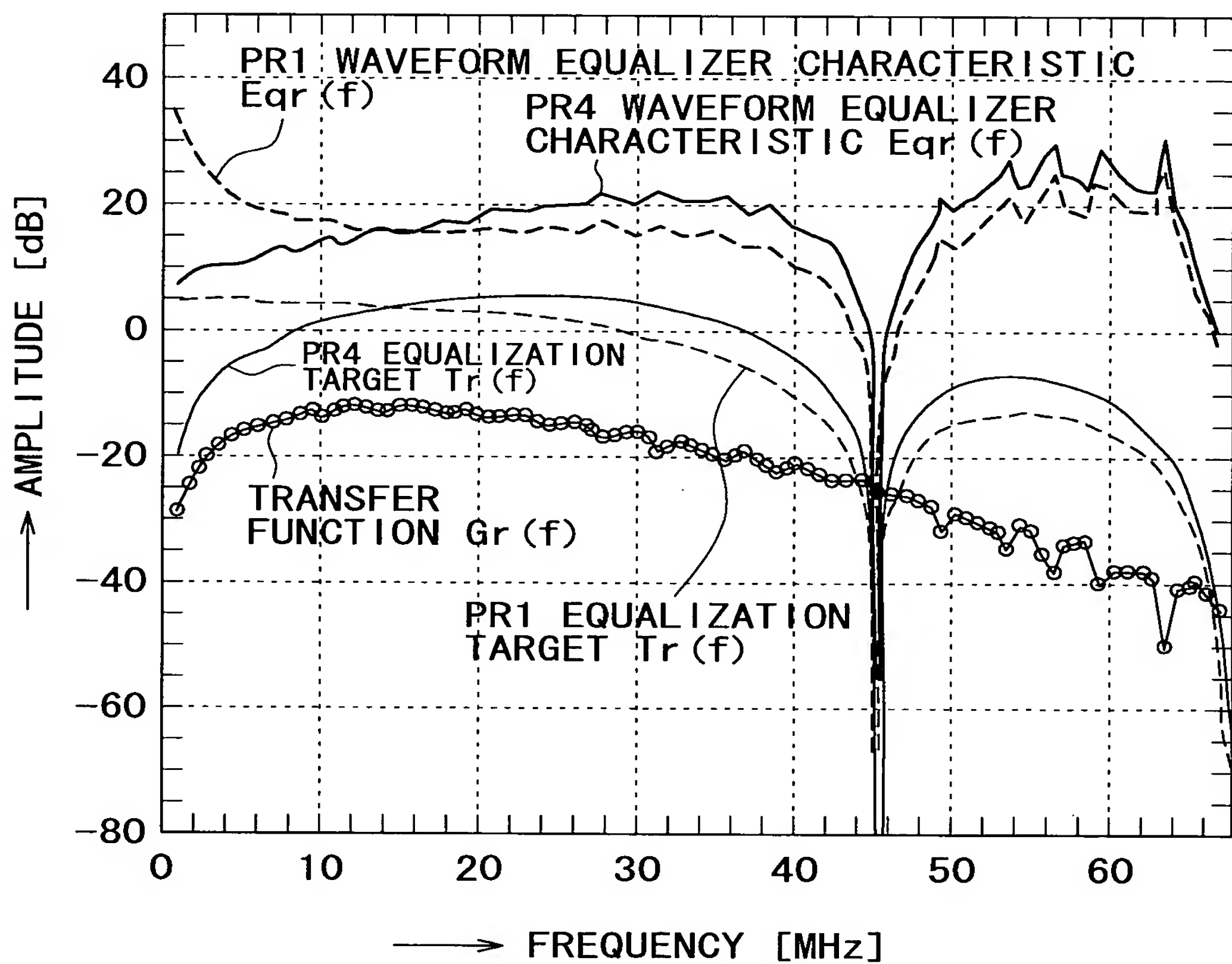


FIG. 27

PHASE FREQUENCY CHARACTERISTICS

FORWARD DIRECTION

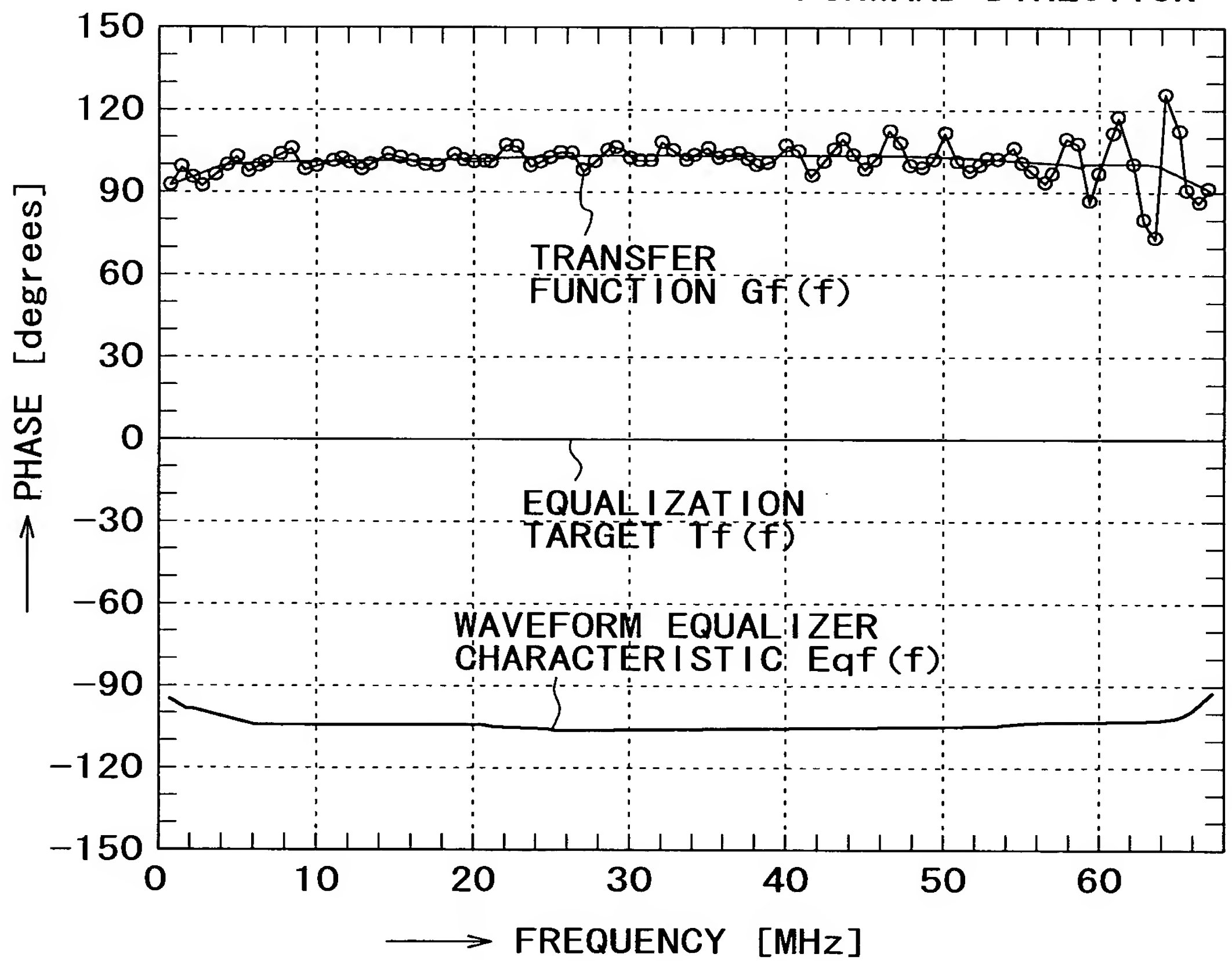


FIG. 28

PHASE FREQUENCY CHARACTERISTICS

REVERSED DIRECTION

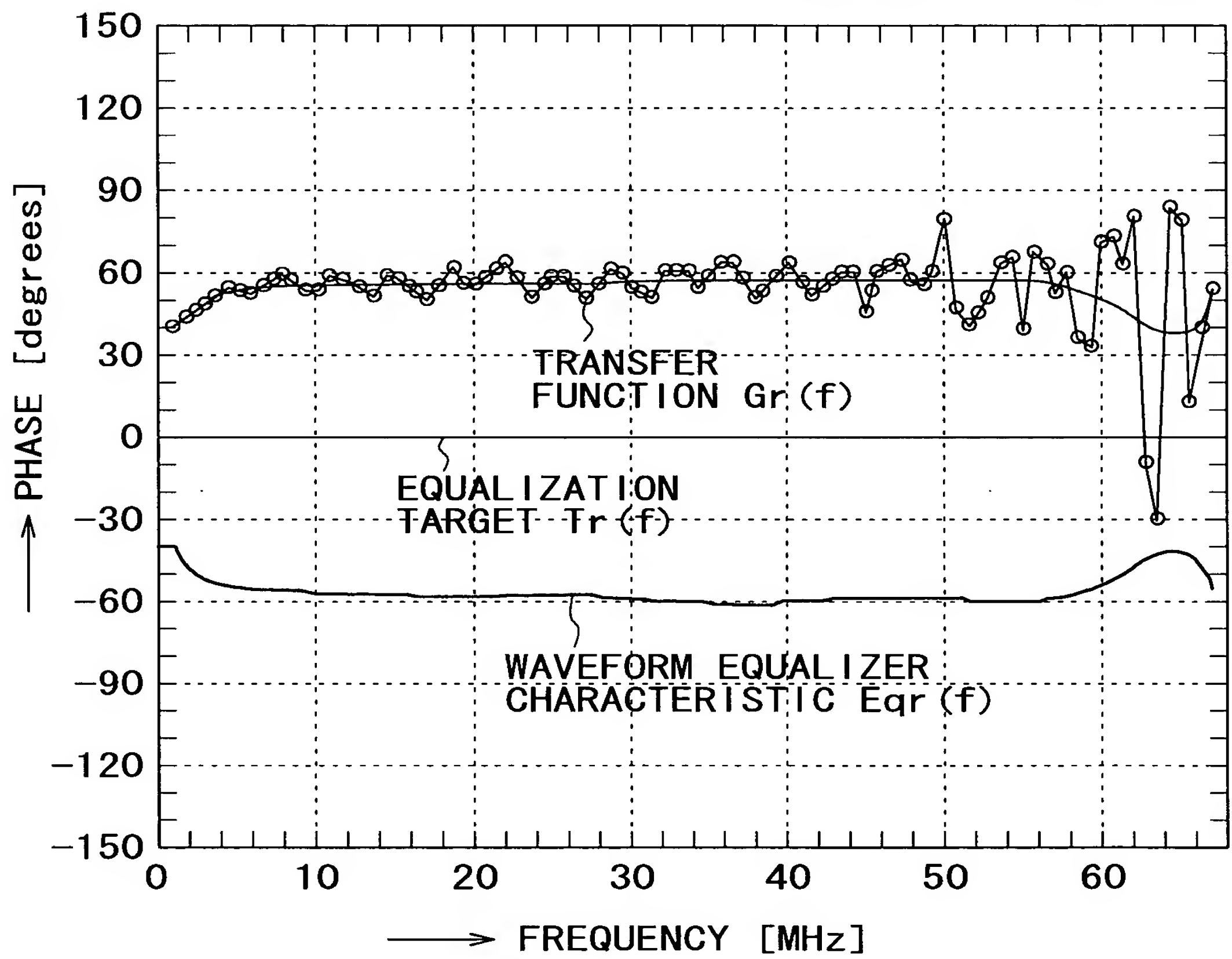


FIG. 29

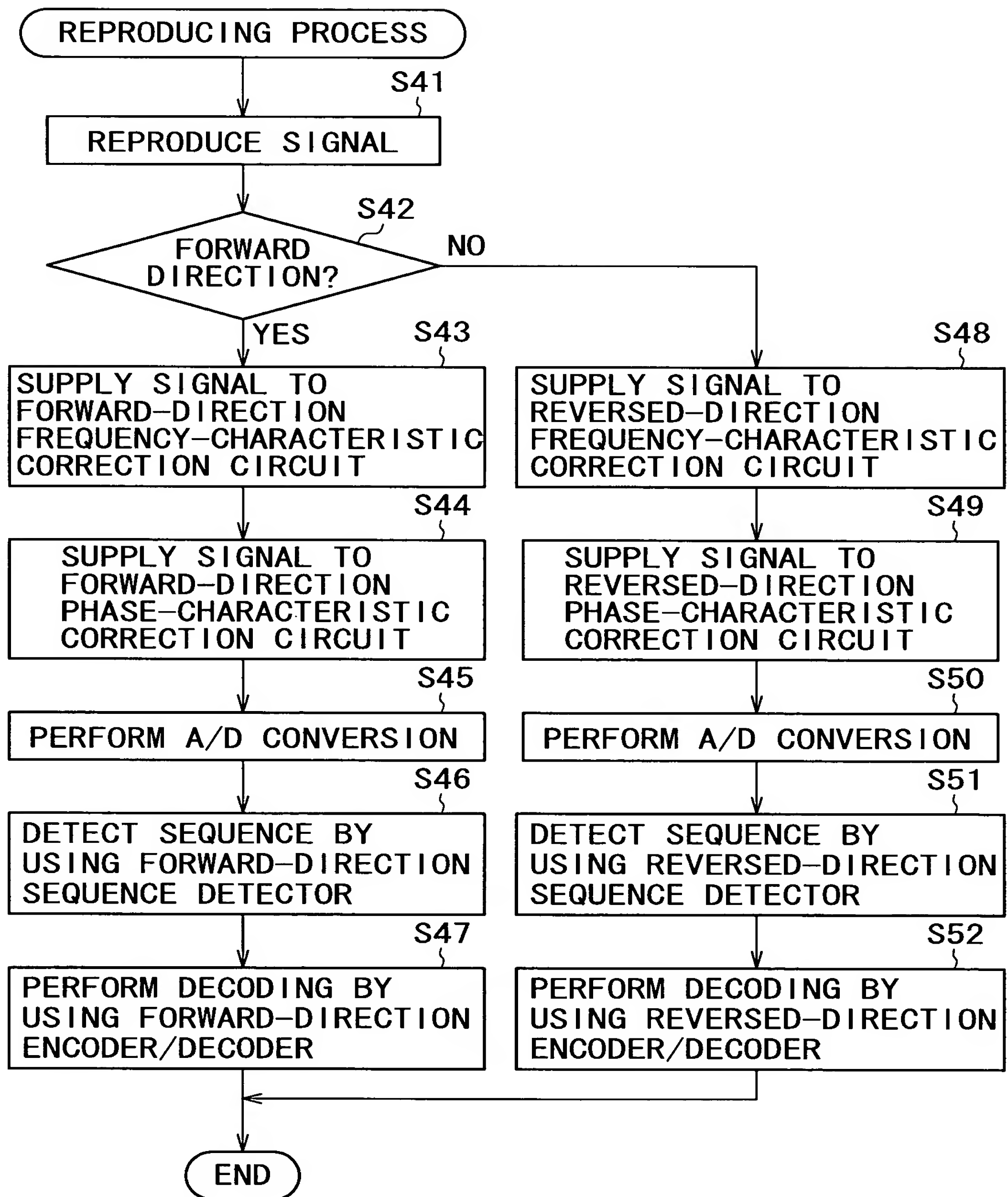


FIG. 30

